

# **SPECIFICATION OF THE AUTOMATIC SENTRY PROTECTOR (ASP)**

The Automatic Sentry Protector (ASP) is a complete and self contained security / quick access system that provides hands free / keyless vehicular and house entry / security.

The ASP is constructed of two receivers and one transmitter that operates both receivers.

## **TRANSMITTER**

- \* Fixed 433. 92 MHz transmitter frequency as required by law.
- \* Standard design PC board.
- \* Two code channels.
- \* Saw resonator.
- \* 12V DC battery terminal power supply.
- \* Two operational push button switches (sub- miniature).
  - a. SW 1 being a standard momentary device.
  - b. SW 2 being a special constant on/off spring loaded device. ( This is what makes the ASP unique)

## **RECEIVERS**

- \* Two code channels.
- \* Two relays.
- \* Standard PC Board
- \* Adjustable tuning capacitor.
- \* Two normally open bays.
- \* Two normally closed bays.
- \* Two common bays.
- \* One 12V power supply

## **SOLENOID**

- \* 12V coil.
- \* Gear box. ( dimensions.....1 inch by 2.5 inches)
- \* Spring loaded cylinder .

## **OPERATIONAL CONSTRUCTION**

The ASP shall be constructed in such a unique manner as to utilize a standard 433. 92 MHz Transmitter and two Receivers acceptable of like frequencies in such a manner as to create and maintain a hands free / automatic security and entry system.

1. Connect 12V positive (+) lead from under dash fuse bank to positive (+) terminal on vehicular receiver hereafter referred to as THE LASSO KEY RECEIVER.
2. Connect 12V negative (-) lead from under dash fuse bank to negative (-) terminal on vehicular receiver.
3. Connect leads from the Normally Closed terminals of the Lasso Key Receiver together and then splice one side of cut ignition wire ( leading to fuse bank) to those connected leads. (Duplicate same procedure at fuse leading to automatic door locks).
4. Connect leads from Common terminals of the Lasso Key Receiver together and then splice remaining side of cut ignition wire ( leading to fuse bank) to those connected leads. ( Duplicate same procedure at fuse leading to automatic door locks).
5. Connect 12V Adapter to the power terminal of the second receiver hereafter referred to as THE DOORMAN.
6. Connect positive (+) and negative (-) leads from Doorman receiver to the positive (+) and negative (-) leads of the 12V Solenoid and attaching gear box.
7. Mount the Doorman receiver to the door and attach gear box to dead bolt apparatus in such manner as to have it freely turn dead bolt manually.
8. Secure and ground all receivers, accessories, and attachments etc.
9. Tune Doorman and Lasso Key receivers to operate most efficiently and effectively at 30 or less feet.

**BRIEF DESCRIPTION**  
**of**  
**THE AUTOMATIC SENTRY PROTECTOR**

**THE LASSO KEY**  
**(THE VEHICULAR PORTION)**

**Finally! There is an anti auto theft device that actually stops thieves! It's called... The Lasso Key!**

**Its name depicts exactly what it does. It ties an invisible rope or lasso link between the vehicle and the driver. In much the same manner cowboys use to rope horse thieves or whistle and have their horses return, the Lasso Key gives the modern day driver the same advantage.**

**An encoded receiver is attached to the vehicle's ignition system, door locks, and ports of entry. An encoded miniature transmitter is worn by the driver. An invisible RF (radio frequency) link is established between the driver and the vehicle.**

**The transmitter constantly sends signals to the receiver within a 30 foot radius. If either the driver moves away from the vehicle or the vehicle moves away from the driver more than 30 feet, the receiver senses the separation and disengages the ignition automatically and instantly! Of course if the vehicle's engine is running Lasso Key will shut the engine off as in the case of a carjacking or parking lot heist.**

**If the engine is off and the driver walks more than 30 feet away from the vehicle then the vehicle is automatically secured by the disengaging of the ignition and the doors automatically locking! Thus security is achieved by doing what is common to all human beings.....simple walking!**

**For quick safe re-entry, all the driver has to do is simply approach the vehicle and the ignition engages and the doors unlock!**

# **BRIEF DISCRIPTION**

**OF  
THE**

## **AUTOMATIC SENTRY PROTECTOR**

### **THE DOORMAN (THE HOME PORTION)**

**THE DOORMAN..... works in conjunction with the Lasso Key (Anti Theft/Carjacking Device). Simultaneously as a person walks away from their vehicle and Lasso Key secures their car, THE DOORMAN will unlock their house door as they approach for quick, safe, hands free, keyless entry! Once inside, THE DOORMAN will re-lock the door in a mili-second! This is the first device since the Garage Door Opener that marries the house to the car; an invention the Home and Auto Industry has sought for the past 40 years!**

**DETAILED DESCRIPTION**  
**OF**  
**THE**  
**AUTOMATIC SENTRY PROTECTOR**  
  
**THE LASSO KEY**  
**(THE VEHICULAR PORTION)**

**The thinking behind the products.....**

With over 300 anti auto theft products on the market one would think there'd be a decline in auto thefts world wide. However the contrary is true. Auto thefts and auto theft insurance claims are at an all time high; not to mention carjackings! Until now, anti theft technology and devices have barely made a dent in the criminal element of car theft.

The reason for this dilemma is the current thinking behind the innovation of such products.

**ALARMS**

The alarms, whistle and bell manufacturers have been lulled into a 1950's mentality. The criminals of that era would scat at the slightest noise that drew attention to their attempts to heist cars. Todays criminals regard whistles and bells as a sign that they've gained entry into sought after prizes. No one pays attention to those noisy chatter boxes today. The thinking behind alarms has been long ago outdated!

**STEERING BLOCKS**

The error that went behind steering wheel blocks is that a car thief would notice a device like the Club on the steering wheel and choose another car to steal. They pride themselves in the fact that such devices would make

prevent hot wiring in most cases and high speed disconnections can cause serious accidents with such devices.

## **THE AUTOMATIC SENTRY PROTECTOR (LASSO KEY)**

"A thief can't steal what a thief can't take" is the thinking behind the Lasso Key Anti Theft/Carjacking Device. If all the devices and systems we mentioned worked, then the insurance companies wouldn't be paying out of their ears for all those record shattering auto theft claims.

Our strategy is one of simplicity and practicality. If a thief can't drive off with your car he can't steal it! That does not take satellites in outer space or cumbersome hardware to attach. What it does take is something that works well and something that even master mechanics can not by pass! It takes a system that is automatic or in other words a system that remembers to secure your car for you without bothersome codes, key, devices, etc. The Lasso Key disengages the ignition system and is not a starter kill switch that can be hot wired.

The Lasso Key does that and more. Soon the entire world will realize the potential of The Lasso Key. Insurance companies will appreciate the bottom line which means less claims being paid for auto theft. Car owners will feel safe and sleep well knowing their second greatest investment is well protected.....their vehicles.

steering difficult for the thief. However, today's thieves approach crime scenes well equipped with diamond tipped hacksaws that allow them to cut through the steering wheel and kick the device off!

## **CAR LOCATORS**

Better known as GPS (global positioning satellites) the car locators are indeed high tech pieces of equipment. A satellite in outerspace tracks the global positioning of car and notifies the police of the location of your stolen car.

The mis-calculation that went into this kind of thinking is that the police would respond to such calls within 15 minutes. If the police don't respond in 15 minutes or less, professional car thieves will strip the car down to the chassis!

Modern day thieves work in organized packs like wolves. They are often master mechanics and know their stuff! They quickly drive stolen vehicles into waiting rigs (tractor trailers) and dismantle the vehicles while driving to the nearest port . A \$20,000. American made car can net the thief over \$120,000. as car parts in overseas markets!

Police forces today are grossly understaffed and bogged down with more urgent crimes and security concerns due to the war on terrorism.

## **CHIPPED KEYS**

Keys with a computerized chip inside will only allow a certain key to operate a vehicle. The error behind this kind of security device thinking is that the car owner is never going to misplace or lose his or her car keys and is never going to get carjacked. Besides, starter and coil by-passes (hot wiring) are possible with chipped key technology.

## **STARTER KILL**

Now these people have part of their thinking right for the 21st Century. Engine kill and starter kill devices immobilize cars once theives have gained access however; such devices depend on the victim's availability to aim and press a device button. Also, these devices do not

# **DETAILED DESCRIPTION**

## **OF**

## **THE**

### **AUTOMATIC SENTRY PROTECTOR**

### **(THE DOORMAN PORTION)**

#### **KEY PADS**

Key Pads are electronic combination locks. They provide keyless entry to homes but not hands free entry which saves time and lives. In fact, it may even take longer to gain access to your home using a key pad rather than a regular key.

#### **REMOTE CONTROL**

Remote controlled devices provide quick keyless entry to homes but, they don't provide hands free access. Fumbling for a remote, and depressing its transmit button/s can take as long as fumbling for regular house keys.

#### **THE DOORMAN**

The Doorman is like having your mom looking out of the door for your approach to eagerly let you inside! It is alive!!!

A transmitter sends out a signal with a 10 to 15 foot range from inside your purse or pocket. A receiver inside the house picks up the signal upon your approach. Instantly, an attached solenoid or group of solenoids engages and holds open the dead bolt and or lower case door cylinder/s.



In the event of a potential victim being pursued by a thug or criminal; not having time to search for keys and insert them into locks would not contribute to such a potential crime.

In fact, the intended victim could gain access to their home in the twinkling of an eye's time. Upon closing the door a none conductive coating/cover on the back of the receiver would prevent the receiver from its reception and in a mili-second the solenoid/s would revert to original position/s, thus re-locking the door. That's the equation of **AUTOMATIC SENTRY PROTECTION (ASP)**.